

The diagram illustrates a class hierarchy and association structure. At the top, a large rectangle represents a **CLASS**, which is divided into three horizontal sections: **CLASS** (top), **PROPERTIES** (middle), and **METHODS** (bottom). These sections are labeled with reference numerals 110, 120, and 130 respectively. Below the **CLASS** is a horizontal line, and below that is a large rectangle representing a **SUBCLASS**. An upward-pointing arrow connects the **SUBCLASS** to the **CLASS**. The **SUBCLASS** is connected to two **SUBCLASS** boxes (labeled 140 and 150) via a horizontal line. These two **SUBCLASS** boxes are connected to an **ASSOCIATION** box (labeled 160) via arrows. The **ASSOCIATION** box is connected to the **SUBCLASS** boxes via arrows, with reference numerals 167 and 165 indicating the connections. The **ASSOCIATION** box is also connected to the **SUBCLASS** box via a horizontal line, with reference numeral 115 indicating the connection.

FIGURE 1

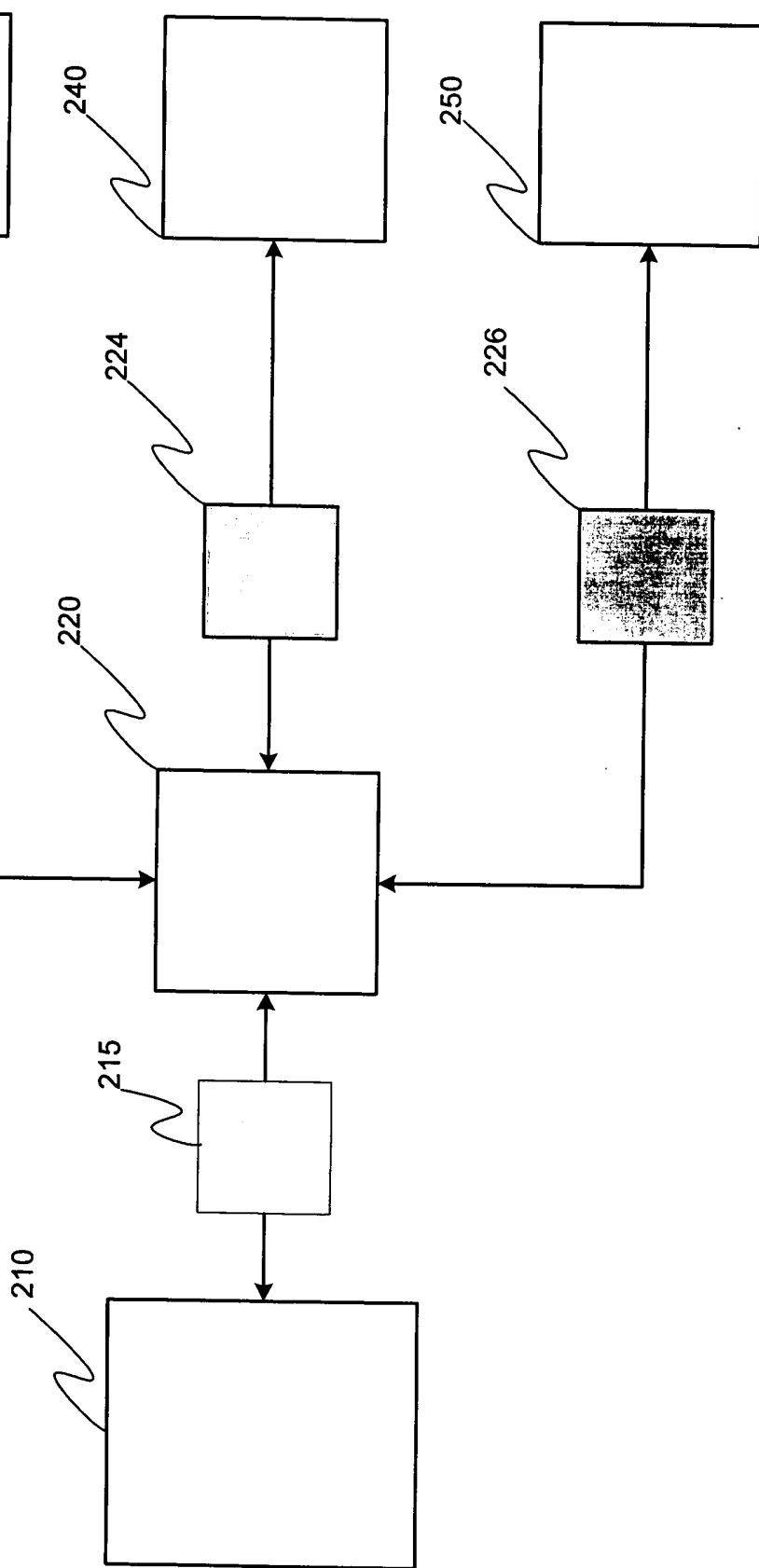


FIGURE 2

FIGURE 3

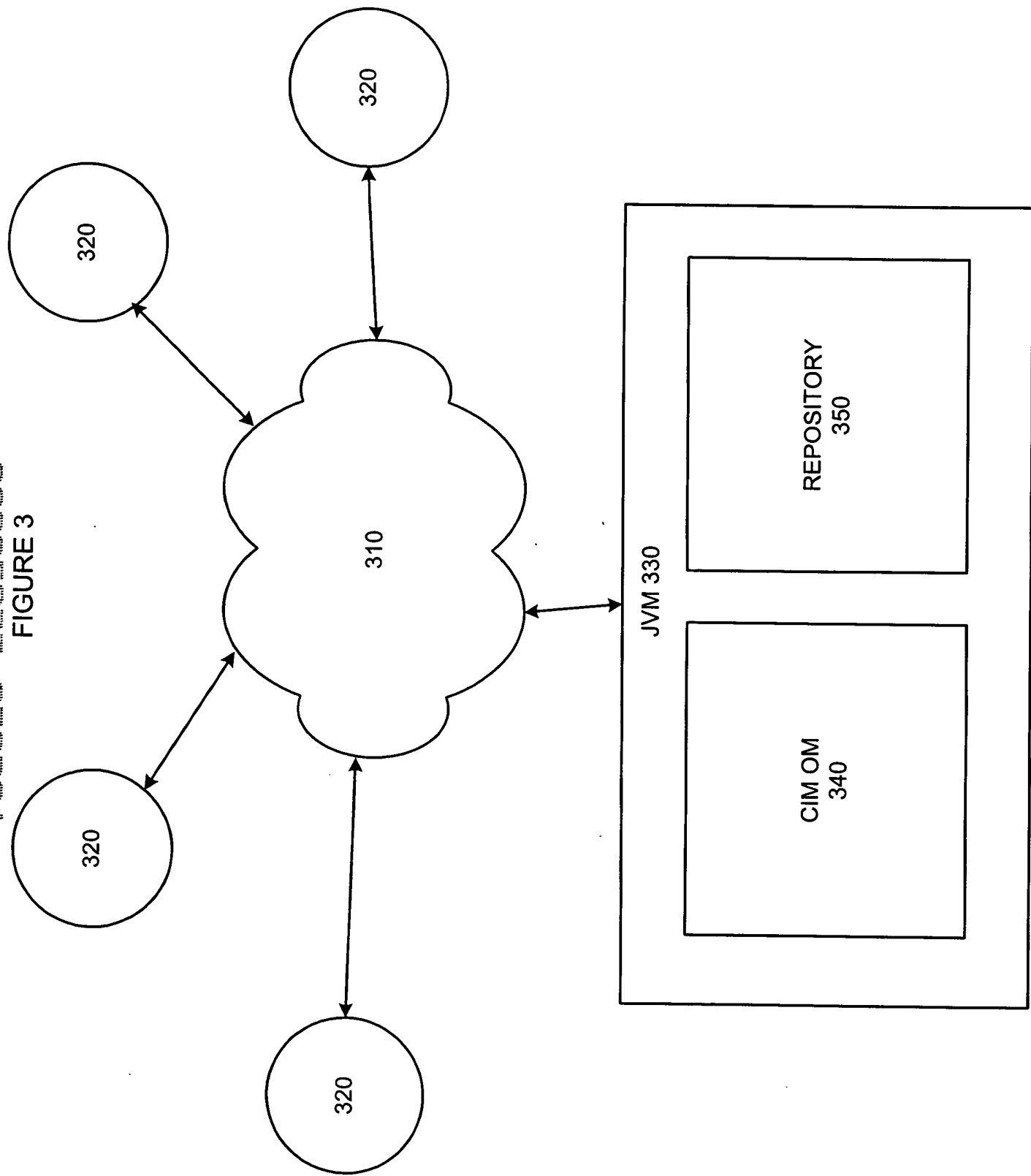


FIG. 4

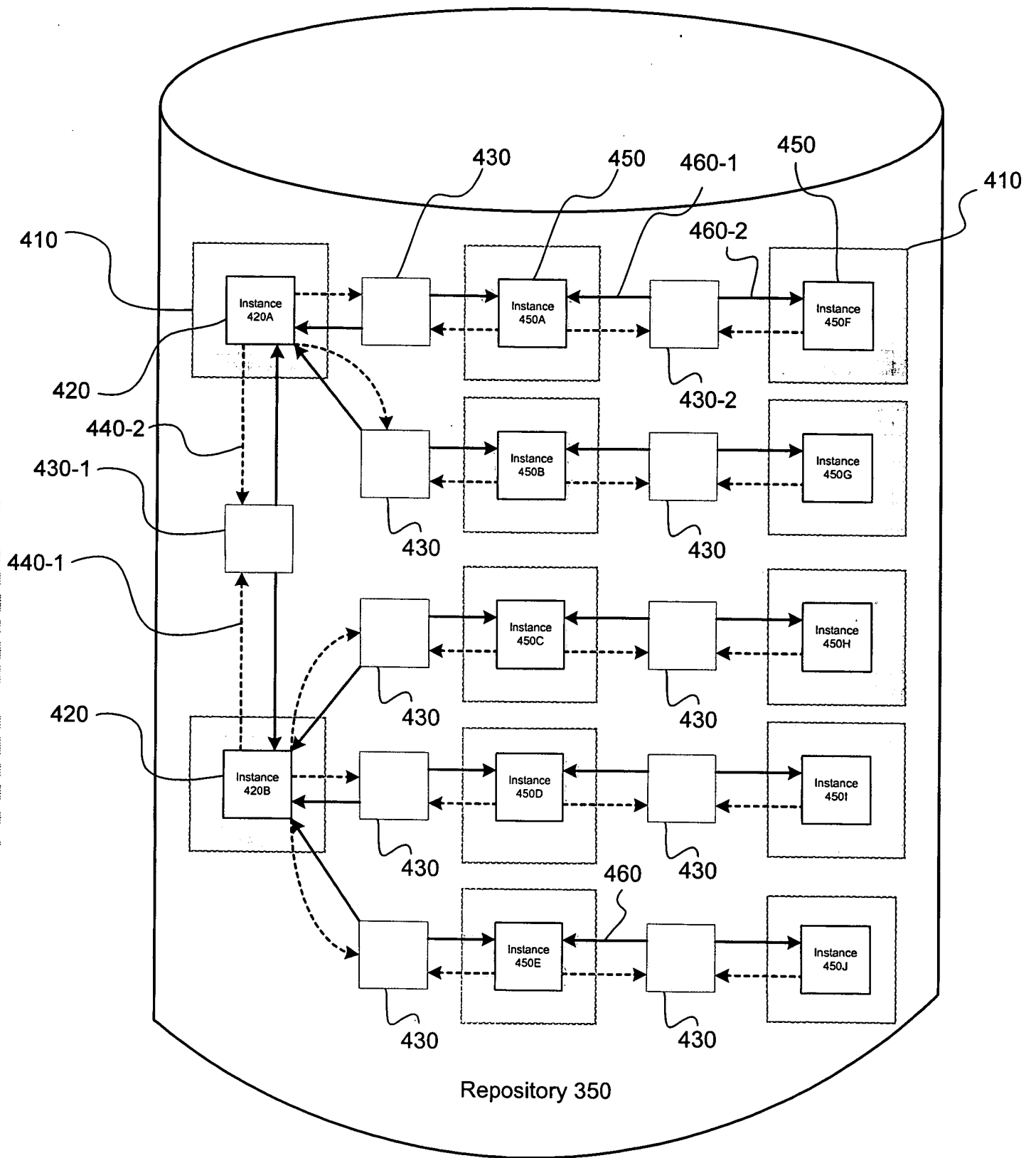
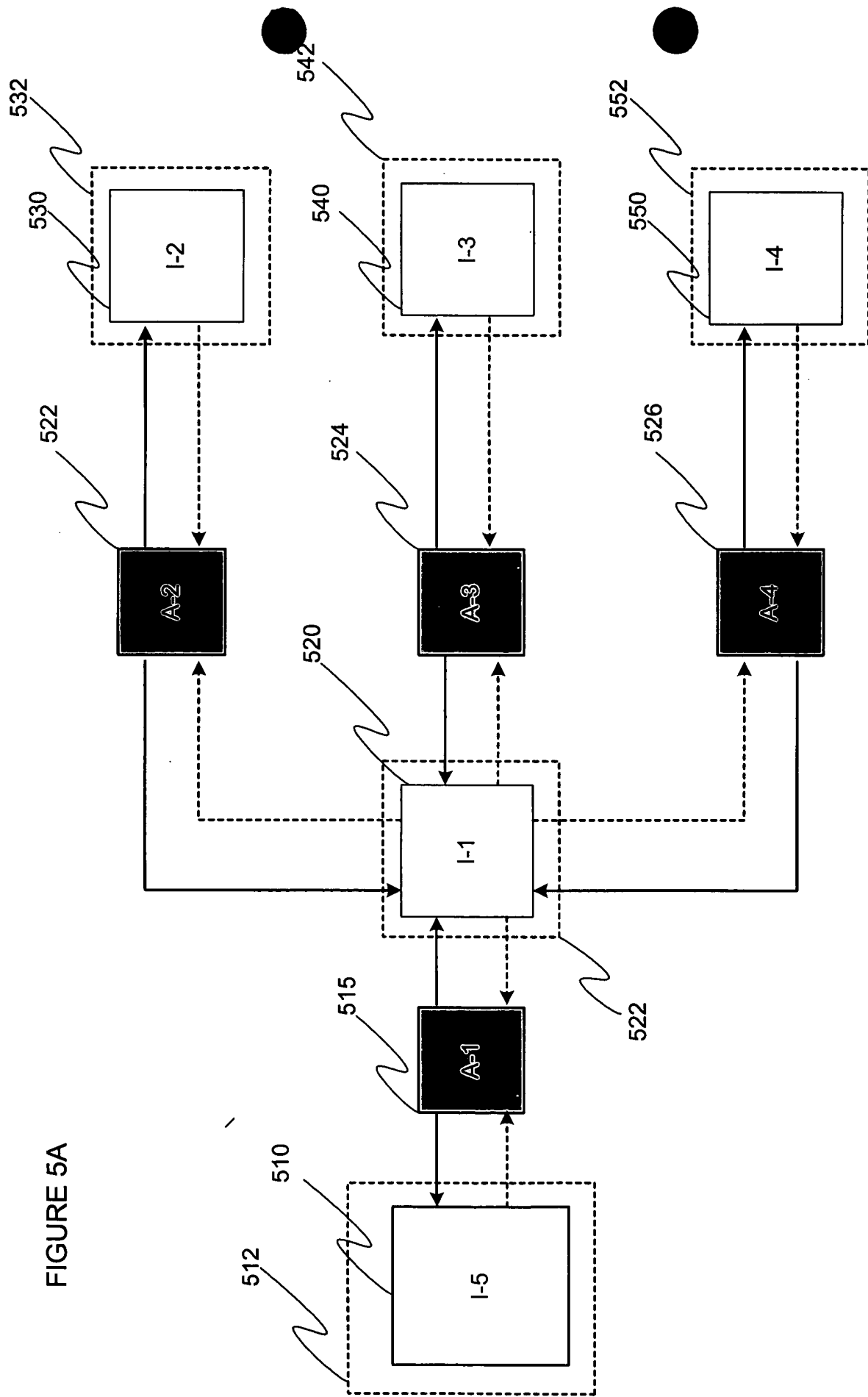


FIGURE 4

FIGURE 5A



ASSOCIATION NAME	TO INSTANCE
A-1	I-1

INSTANCE 5 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-1	I-5
A-2	I-2
A-3	I-3
A-4	I-4

INSTANCE 1 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-2	I-2

INSTANCE 2 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-3	I-1

INSTANCE 3 WRAPPER TABLE

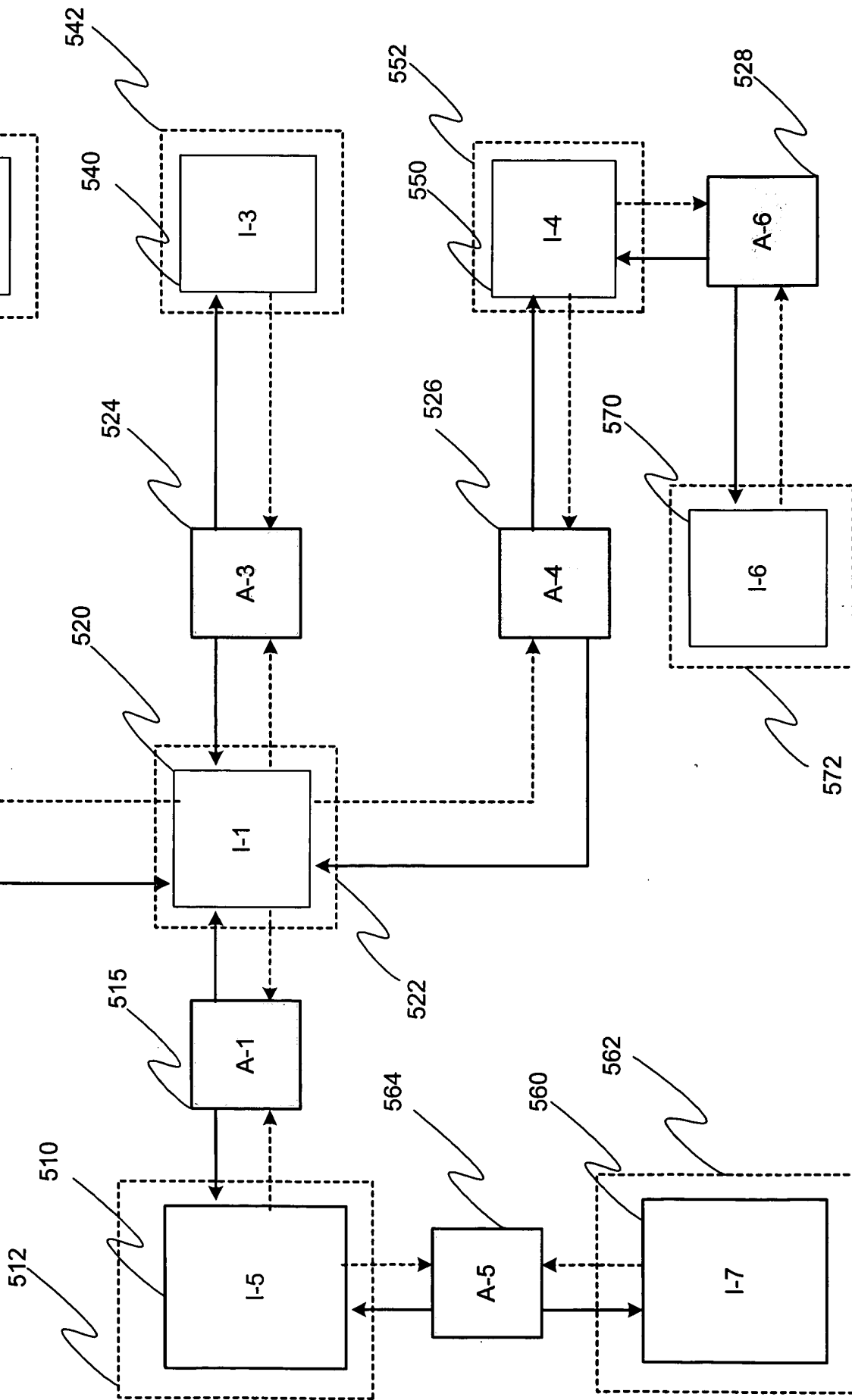
ASSOCIATION NAME	TO INSTANCE
A-4	I-1

INSTANCE 4 WRAPPER TABLE

REPOSITORY 350

FIGURE 5B

FIGURE 5C



ASSOCIATION NAME	TO INSTANCE
A-1	I-1

INSTANCE 5 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-1	I-5
A-2	I-2
A-3	I-3
A-4	I-4

INSTANCE 1 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-2	I-2

INSTANCE 2 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-3	I-1

INSTANCE 3 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-4	I-1

INSTANCE 4 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE

INSTANCE 6 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE

INSTANCE 7 WRAPPER TABLE

REPOSITORY 350

FIGURE 5D

ASSOCIATION NAME	TO INSTANCE
A-1	I-1
A-5	I-7

INSTANCE 5 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-1	I-5
A-2	I-2
A-3	I-3
A-4	I-4

INSTANCE 1 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-2	I-2

INSTANCE 2 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-3	I-1

INSTANCE 3 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-4	I-1
A-6	I-6

INSTANCE 4 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-6	I-4

INSTANCE 6 WRAPPER TABLE

ASSOCIATION NAME	TO INSTANCE
A-5	I-5

INSTANCE 7 WRAPPER TABLE

REPOSITORY 350

FIGURE 5E

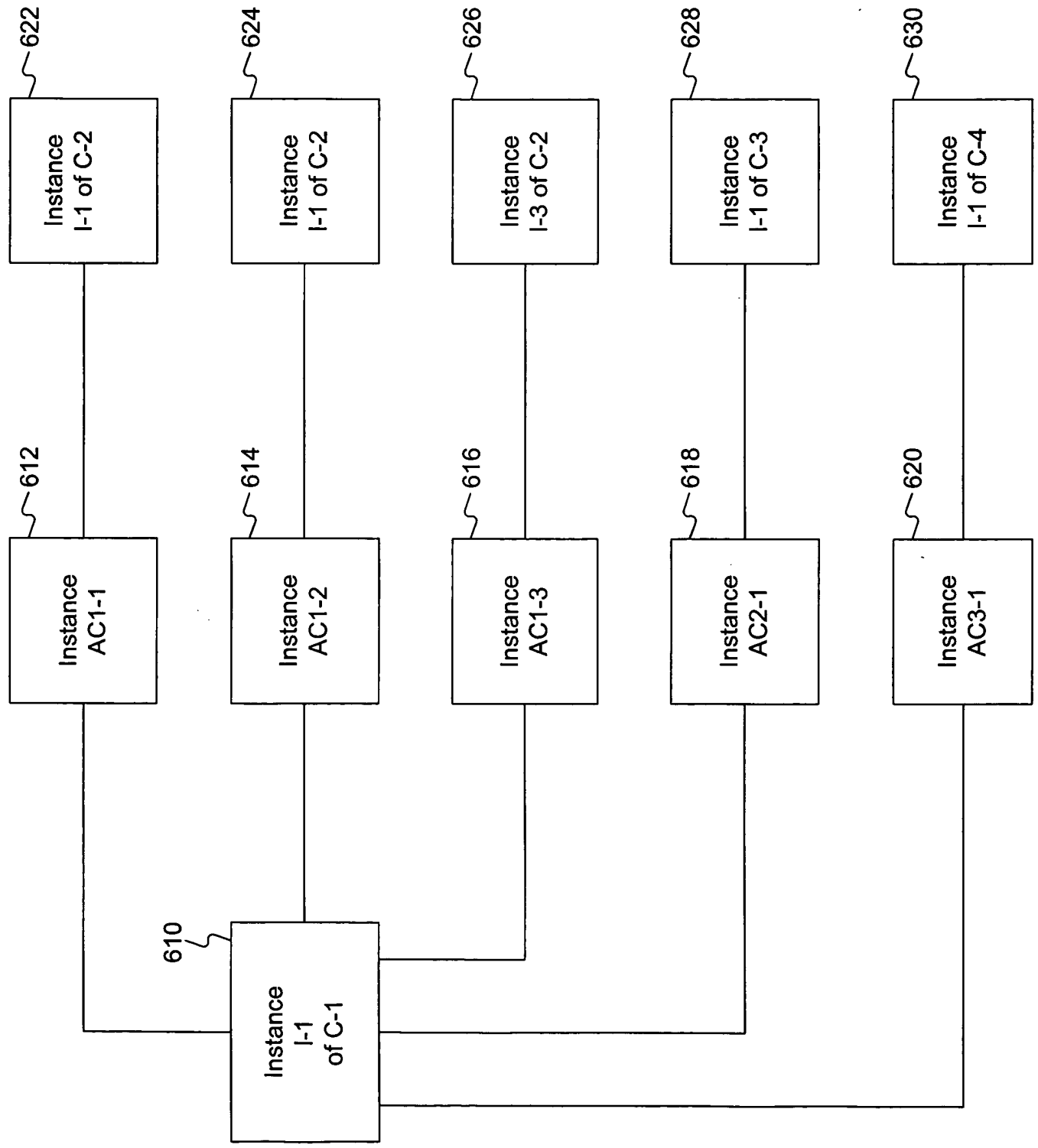


FIGURE 6A

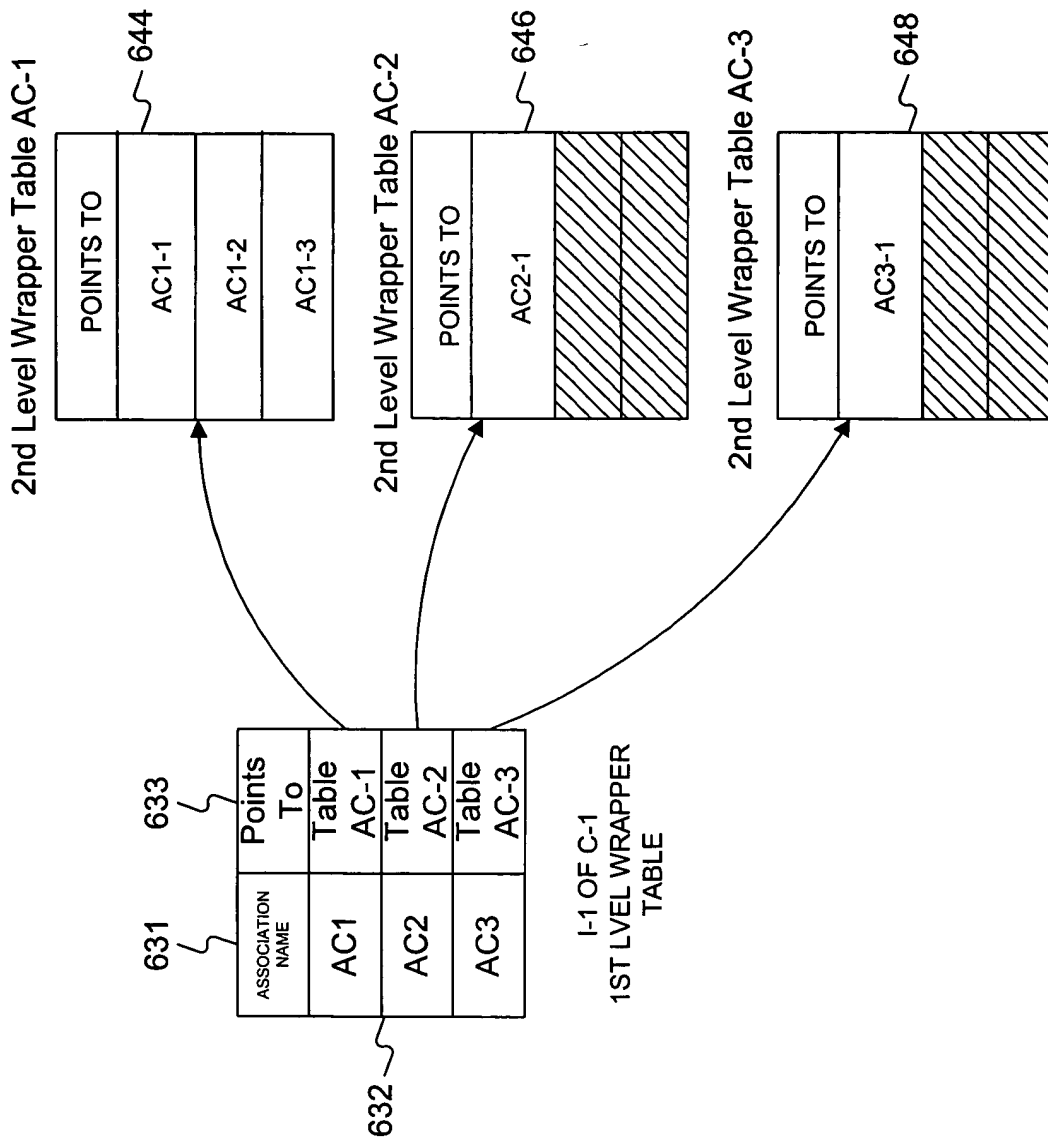


FIGURE 6B

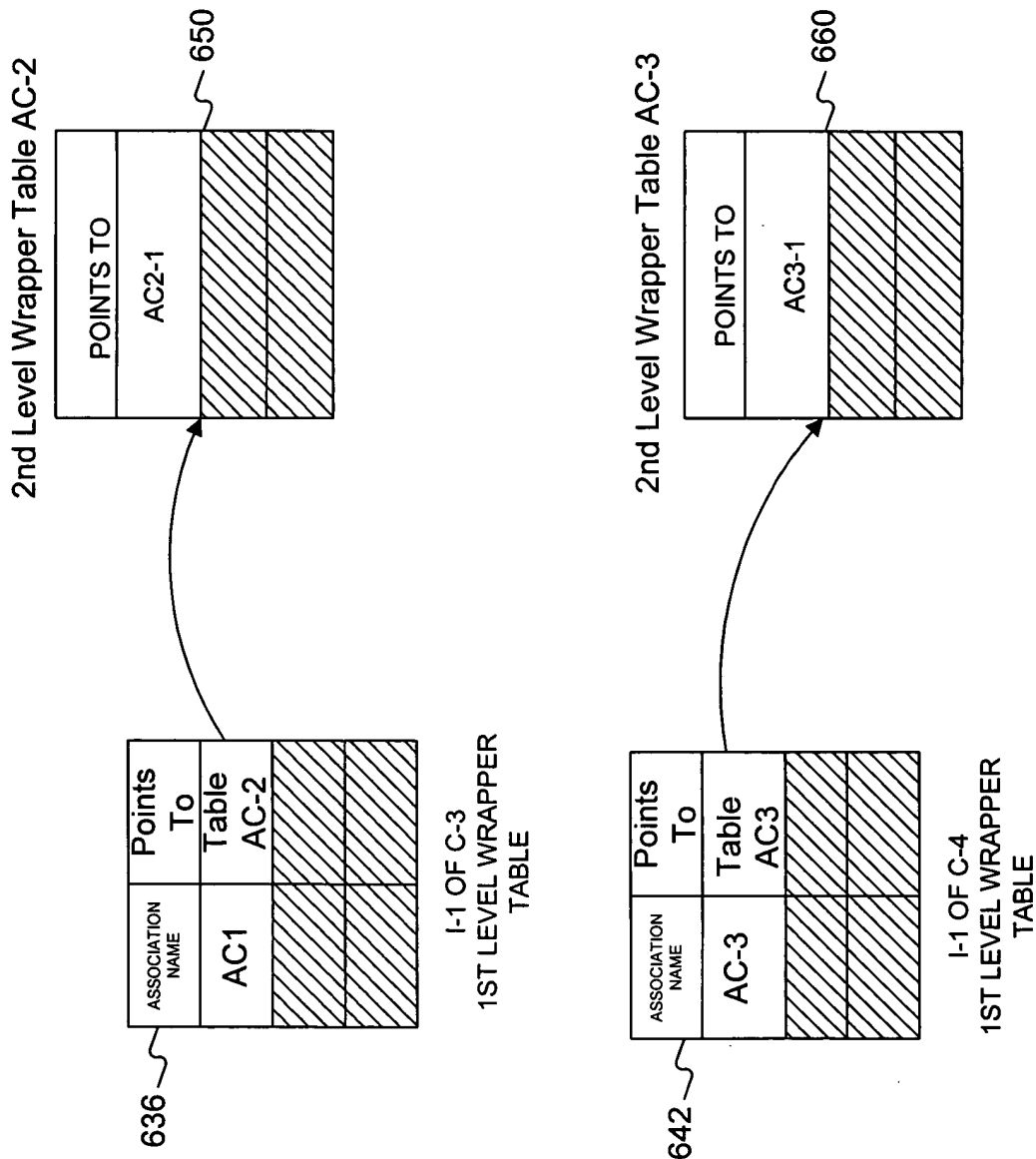


FIGURE 6C

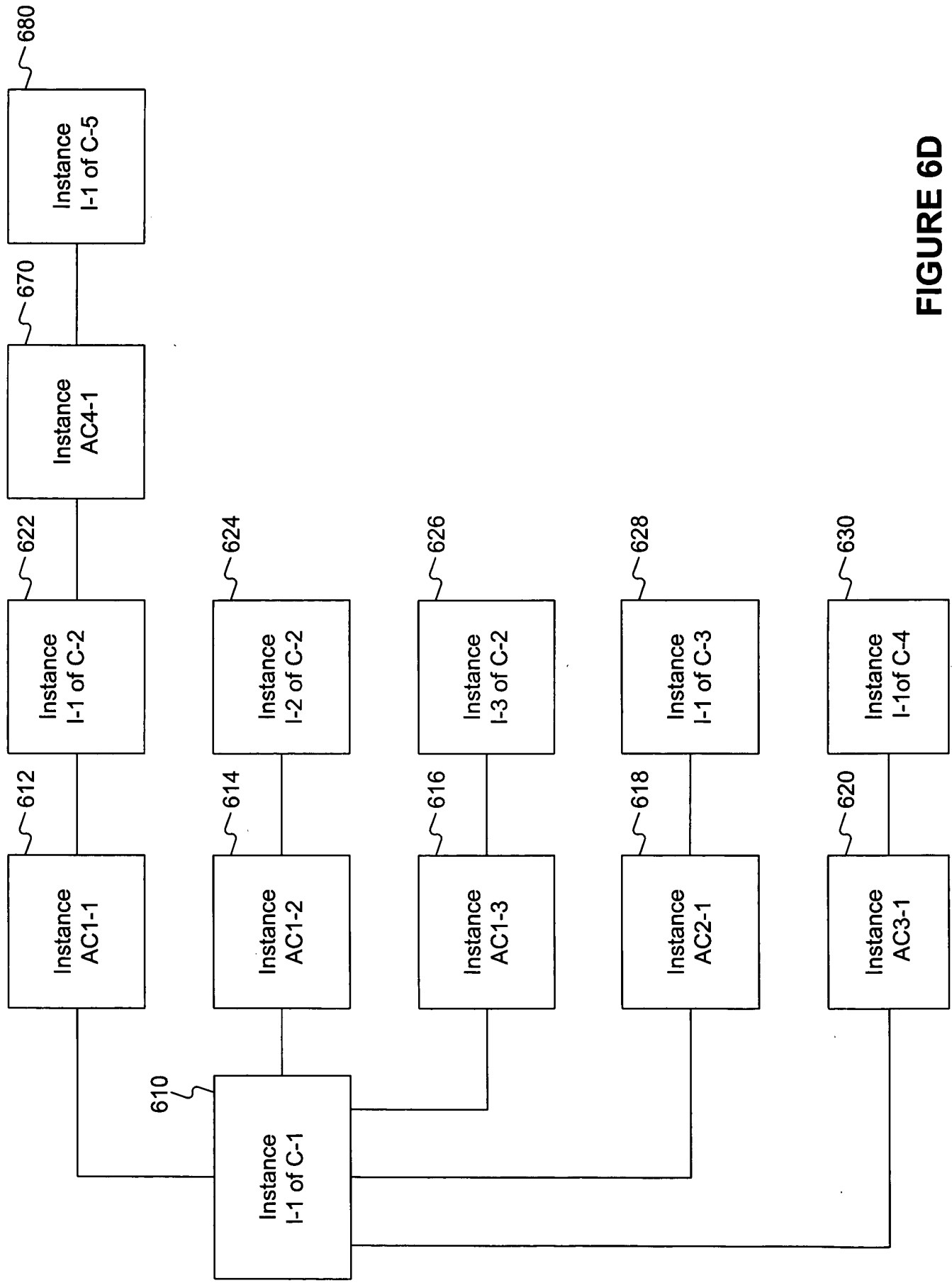


FIGURE 6D

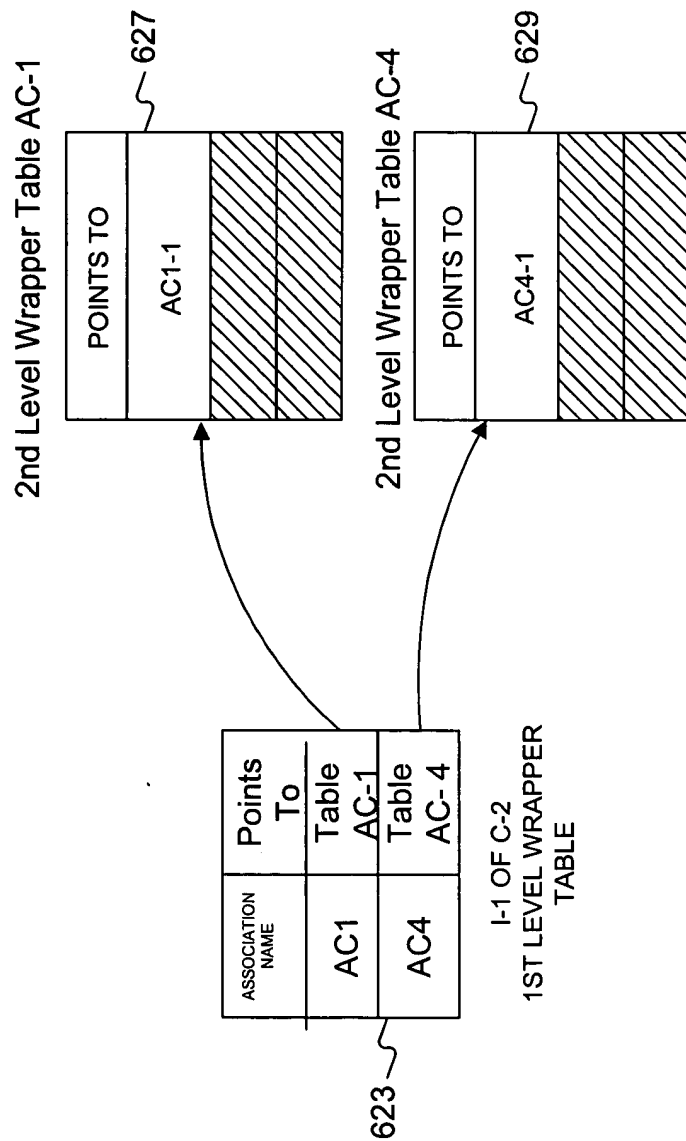


FIGURE 6E

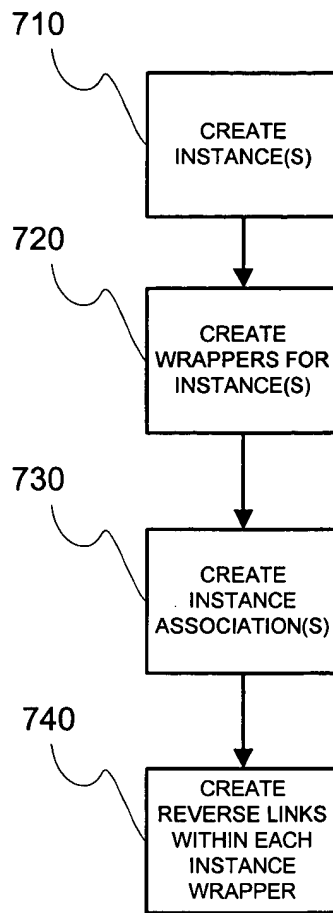


FIGURE 7

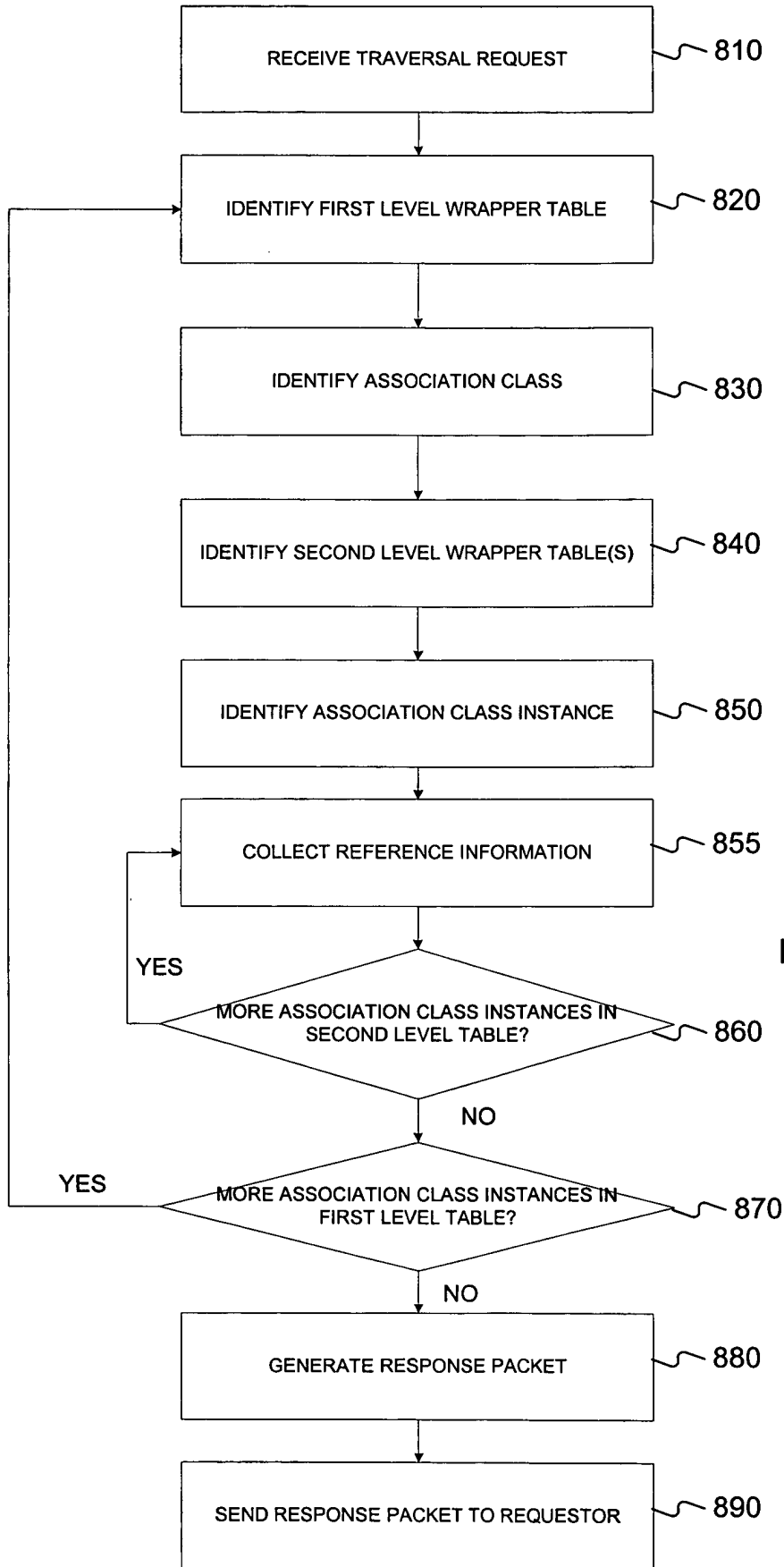


FIGURE 8